

JO Rec'd PCT/PTO 11 FEB 2002

WENMM/SB/21 (12/00)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/744.793
I.A. Filing Date	July 30, 1999
First Named Inventor	Said Mansour et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	7024-499

Total Number of Pages in this Submission

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure: Petition to Withdraw Holding of Abandonment under 37 CFR § 1.181
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	James B. Myers, Jr. Woodard, Emhardt, Naughton, Morlarty & McNett
Signature	
Date	January 16, 2002

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231 on this date:

Typed or printed name	James B. Myers, Jr.		
Signature		Date	January 16, 2002

**FEE TRANSMITTAL  
FOR FY 2002**

Patent fees are subject to annual revision.

FEB 11 2002

Total Amount of Payment

(\$640.00)

**Complete if Known**

Application Number

09/744,793

I.A. Filing Date

July 30, 1999

First Named Inventor

Said Mansour et al.

Group Art Unit

Examiner Name

Attorney Docket Number

7024-499

**METHOD OF PAYMENT****FEE CALCULATION (continued)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **23-3030**

Deposit Account Name: **Woodard, Emhardt, Naughton, Moriarty & McNett**

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility Filing Fee	
106	330	206	165	Design Filing Fee	
107	510	207	255	Plant Filing Fee	
108	740	208	370	Reissue Filing Fee	
114	160	214	80	Provisional Filing Fee	
<b>SUBTOTAL (1)</b>					<b>(\$0)</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee From Below	Fee Paid
-20** =		X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$0)

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	640.00
142	1,240	242	620	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other Fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 640.00)

**SUBMITTED BY**

Name (Print/Type)

James B. Myers, Jr.

Registration No.

42,021

(Attorney/Agent)

Telephone

(317) 634-3456

Signature

James B. Myers Jr.

Date

January 16, 2002

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Assistant Commissioner for Patents, Washington, DC 202031.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of: )  
 Said Mansour et al. )  
 Serial No. 09/744,793 )  
 I.A. Filing Date: 30 July 1999 )  
 LOW TEMPERATURE OXYGEN GAS SENSOR )

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on  
 January, 16, 2002  
 (Date of Deposit)  
 James B. Myers Jr.  
 Name of Registered Representative  
 Signature  
 January 16, 2002  
 Date of Signature

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
 UNDER 35 U.S.C. 371 IN THE UNITED STATES DO/EO OFFICE**

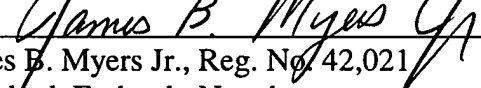
Hon. Commissioner for Patents  
 BOX PCT  
 Washington, D.C. 20231

Sir:

In response to the attached "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)" mailed 27 February 2001, the Applicants submit herewith their fully executed Declarations and Powers of Attorney.

It is believed no fee is due since the surcharge for furnishing the oath/declaration later than 30 minutes from the earliest priority date has already been paid. However, the Commissioner is hereby authorized to provide any extensions of time which may be necessary and charge any additional fees which may be due or credit any overpayment to Deposit Account No. 23-3030, but not to include the payment of any issue fees that are or may become due.

Respectfully submitted,

By:   
 James B. Myers Jr., Reg. No. 42,021  
 Woodard, Emhardt, Naughton  
 Moriarty & McNett  
 Bank One Center/Tower  
 111 Monument Circle, Suite 3700  
 Indianapolis, Indiana 46204-5137  
 (317) 634-3456 Fax No. (317) 637-7561



## UNITED STATES DEPARTMENT OF COMMERCE

## Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	CLASSIFICATION
09/744793	MANSOUR	S

JAMES B MYERS JR  
WOODARD EMHARDT NAUGHTON MORIARTY & MCNE  
BANK ONE CENTER/TOWER SUITE 3700  
111 MONUMENT CIRCLE  
INDIANAPOLIS, IN 46204

INTERNATIONAL APPLICATION NO.	
PCT/US99/17422	
I.A. FILING DATE	PRIORITY DATE
30 JUL 99	30 JUL 98
DATE MAILED: 27 FEB 2001	

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),  
☒ an Elected Office (37 CFR 1.495):  
☒ U.S. Basic National Fee.  
☒ Copy of the international application in:  
☐ a non-English language.  
☒ English.  
☐ Translation of the international application into English.  
☒ Oath or Declaration of inventors(s) for DO/EO/US.  
☐ Copy of Article 19 amendments.  
☐ Translation of Article 19 amendments into English.  
☒ The International Preliminary Examination Report in English and its Annexes, if any.  
☐ Translation of Annexes to the International Preliminary Examination Report into English.  
☒ Preliminary amendment(s) filed JAN 30 2001 and \_\_\_\_\_  
☐ Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_  
☐ Assignment document.  
☐ Power of Attorney and/or Change of Address.  
☐ Substitute specification filed \_\_\_\_\_  
☒ Verified Statement Claiming Small Entity Status.  
☐ Priority Document.  
☒ Copy of the International Search Report ☐ and copies of the references cited therein.  
☐ Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.  
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).  
☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.  
☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.  
☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

Enclosed:

☒ PCT/DO/EO/917 ☐ Notice of Defective Translation☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

John L. Anderson

Telephone: 703-308-9116

RECEIVED

MAR 05 2001

Woodard, Emhardt, Naughton,  
Moriarty & McNeil

ENTERED

3-27-01



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/744793	MANSOUR	S 7024499PUR93
INTERNATIONAL APPLICATION NO.		
PCT/US99/17422		
I.A. FILING DATE		PRIORITY DATE
30 JUL 99		30 JUL 98
DATE MAILED 27 FEB 2001		

JAMES B MYERS JR  
WOODARD EMHARDT NAUGHTON MORIARTY & MCNE  
BANK ONE CENTER/TOWER SUITE 3700  
111 MONUMENT CIRCLE  
INDIANAPOLIS, IN 46204

#### NOTIFICATION OF A DEFECTIVE OATH OR DECLARATION

This application fails to contain an oath or declaration acceptable under 35 U.S.C. 371 (c)(4) for entry into the national stage in the United States of America. The period within which to correct these requirements and avoid abandonment is set in the accompanying Office action.

A new oath or declaration, identifying this application by the international application number and international filing date is required. The oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

1. ☒ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
2. ☐ does not identify the specification to which it is directed.
3. ☐ does not identify the inventor(s).
4. ☐ does not identify the citizenship of each inventor.
5. ☐ does not state the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE WITH 37 CFR 1.497(a) AND (b) WITHIN THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NATIONAL STAGE AND THE ABANDONMENT OF THE APPLICATION.

Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that it:

1. ☐ does not identify the city and state or city and foreign country of residence or each inventor.
2. ☐ does not state that the person making the oath or declaration:
  - a. ☐ has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
  - b. ☐ acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
3. ☐ does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.
4. ☐ does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and filing date of the continuation in part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(d)).

John L. Anderson  
Telephone: 703-308-9116